

POWER ALLOCATION METHOD FOR MULTICAST SERVICES

ABSTRACT OF THE DISCLOSURE

5 In a mobile telecommunication system (10), a number of
user equipments (40-45) may receive multimedia broadcast
multicast services. The method for power allocation and user
assignment for MBMS services determines any number (K) of user
equipments which may be served without complete cell area
10 coverage (78). For more than K user equipments (40-45)
requesting MBMS services, dedicated channels are assigned
(84). For user equipments requesting MBMS service during a
broadcast, such user equipment is assigned to the channel
(broadcast or dedicated) with the lower power requirement, if
15 power is available. If the user is assigned to the broadcast
channel, and power is available, power of the broadcast
channel is adjusted (108). Otherwise, the power of the
broadcast channel is increased and no further power is
indicated as being available (112).

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